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L10: Entry 9 of 9

File: USPT

Mar 6, 2001

DOCUMENT-IDENTIFIER: US 6197544 B1

TITLE: Compounds

Detailed Description Text (5):

Polypeptides of the present invention are believed to be members of the semaphorin family of polypeptides. They are therefore of interest because the semaphorin family of proteins acts as recognition molecules and are known to be involved in controlling axon outgrowth but are also likely to participate in other biological processes including immune function and multi-drug resistance. These properties are hereinafter referred to as "SBSEMV L activity" or "SBSEMV L polypeptide activity" or "biological activity of SBSEMV L." Also included amongst these activities are antigenic and immunogenic activities of said SBSEMV L polypeptides, in particular the antigenic and immunogenic activities of the polypeptide of SEQ ID NO:2. Preferably, a polypeptide of the present invention exhibits at least one biological activity of SBSEMV L.

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DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
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APPL-NO: 09/ 240410 [PALM]

DATE FILED: January 29, 1999

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INT-CL: [07] C12 P 21/06

US-CL-ISSUED: 435/69.1; 435/320.1, 435/325, 435/252.3, 536/23.1, 536/23.5, 530/350

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 530/350, 536/23.1, 536/23.5

FIELD-OF-SEARCH: 536/23.1, 536/23.5, 536/24.1, 536/24.3, 536/24.31, 536/24.33, 435/320.1, 435/325, 435/172.1, 435/69.1, 435/252.3, 530/350

PRIOR-ART-DISCLOSED:

OTHER PUBLICATIONS

Boehringer Mannheim Biochemicals. 1991 Catalog. p. 557.
Stratagene. 1991 Product Catalog. p. 66.
Gibco BRL. Catalogue and Reference Guide. 1992. p. 292.
Promega. 1993 Catalog. pp. 90-91.
New England Biolabs. Catalog 1986/87, pp. 60-62.
Genbank Accession No. AF030698. Ensser et al. Submitted Oct. 21, 1997.
GenBank Accession No. AF069493: Yamada, et al.: date of public availability--Dec. 3, 1998.
GenBank Accession No. AF071542; Ebens, et al., date of public availability--Sep. 3, 1998.

ART-UNIT: 165

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ABSTRACT:

SBSEMVL polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilising SBSEMVL polypeptides and polynucleotides in therapy, and diagnostic assays for such.

11 Claims, 0 Drawing figures